

MATTINGLY, STANGER & MALUR, P.C.

JOHN R. MATTINGLY*
 DANIEL J. STANGER
 SHRINATH MALUR*
 GENE W. STOCKMAN
 Of Counsel
 JEFFREY M. KETCHUM
 Registered Patent Agent
 * Bar Membership Other Than Virginia

ATTORNEYS AT LAW
 1800 DIAGONAL ROAD, SUITE 370
 ALEXANDRIA, VIRGINIA 22314

PATENT, TRADEMARK
 AND COPYRIGHT LAW

FACSIMILE: (703) 684-1157



17497 U.S.P.T.O.
 10/808531
 032504

(703) 684-1120

Date: March 25, 2004

Attorney Docket No. H-1134

CUSTOMER NO. 24956

To: Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450
 Sir: Transmitted herewith for filing is the patent application of:

Inventor: M. KUROSAWA et al (see attached)

For:
 DRIVE CONTROL DEVICE FOR DIRECT CURRENT MOTOR,
 ROTATION DRIVE SYSTEM FOR DIRECT CURRENT MOTOR
 AND SEMICONDUCTOR INTEGRATED CIRCUIT FOR DRIVING COIL

Enclosed are:

- 20 Sheets of Drawings
 This application is being filed without an executed Declaration.
- Priority is claimed from Japanese Application No. 2003-087010 (which is hereby filed March 27, 2003). A certified copy is attached herewith. incorporated by reference
- Copies of the disclosure documents listed on the attached PTO 1449 form and discussed in the specification or attached Information Disclosure Statement.
- Small entity status under 37 CFR 1.9 and 1.27 is hereby claimed.
- Specification: Abstract , Description 42 pages; and 10 claim(s).
- Preliminary Amendment.
- Executed Declaration.

The filing fee is calculated as shown below:

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	10 -20 =	* 0
Indep Claims	3 - 3 =	* 0
<input type="checkbox"/> Multiple Dependent Claim (s)		

* If difference is less than zero
 then enter '0' in second column

Rate	Fee
\$ 375	
x 9	\$
x 42	\$
+ 140	\$
Total	\$

Rate	Fee
\$ 770	
x 18	\$ 0
x 84	\$ 0
+ 280	\$ 0
Total	\$ 770

Small Entity

Large Entity

OR

- A check or credit card payment form in the amount of \$ 770.00 is enclosed for the filing fee.
- The Commissioner is hereby authorized to charge any additional fees that may be required to Deposit Account No. 50-1417.

Respectfully Submitted,

By:

John R. Mattingly
 Registration No. 30,293

LIST OF INVENTORS' NAMES AND ADDRESSES

Minoru KUROSAWA, Tokyo, JAPAN;

Tsukasa MATSUSHITA, Tokyo, JAPAN;

Kunihiro KAWAUCHI, Tokyo, JAPAN.